

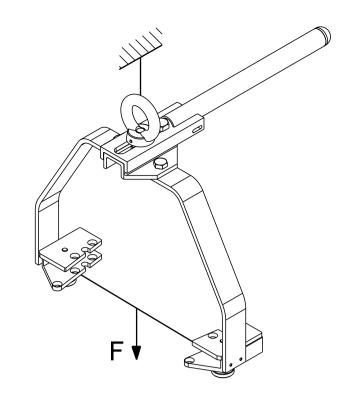
#### FICHE ARTICLE / Product data sheet (F0228) 8813988000

Version I OUTILLAGE DE LEVAGE

Version GEODE de l'Article / Geode Part Version :	I Engineering
Désignation anglaise / English designation :	LIFTING TOOLING
Type d'article / Item type :	Outillage de production - conception TM
Unité / Unit :	pièce
Article de configuration / Configuration article :	Non
Sujet à péremption / Subject to cure date :	Non
Type de composition / Assembly type :	Composant
Classification / Classification :	Catégorie 3 groupe 1
Masse (kg) / weight (kg):	2.25
Durée limite de stockage (jours) / Storage limit (days) :	-1

#### **DOCUMENTS DE REFERENCE / Reference documents**

ARTICLE DEFINI SELON LE DOCUMENT ST\_02100 : Normes, d'application obligatoire pour l'interprétation des dessins TURBOMECA



### APPAREIL DE LEVAGE CONDITION DE VERIFICATION

## HOSTING DEVICE CHECKING CONDITIONS

UN CERTIFICAT DE CONFORMITE AUX NORMES DES APPAREILS DE LEVAGE DEVRA ETRE OBLIGATOIREMENT JOINT A CHAQUE OUTILLAGE.

CE CERTIFICAT SERA DELIVRE PAR UN ORGANISME AGREE.

A CERTIFICATE OF COMPLIANCE TO THE HOISTING-DEVICE STANDARDS MUST BE ATTACHED COMPULSORILY TO EACH TOOL. THE CERTIFICATE SHALL BE ISSUED BY AN APPROVED ORGANIZATION.

> EN STATIQUE: STATISTICALLY:

 $F = 50 \times 1,5 = 75 \text{ daN}$ 



## CONSIGNES GENERALES GENERAL REGULATIONS

- PORTER LES EQUIPEMENTS INDIVIDUELS DE SECURITE WEAR INDIVIDUAL SAFETY EQUIPMENT
- NE PAS UTILISER L'OUTILLAGE HORS DE SA PERIODE DE VALIDITE DO NOT USE A TOOL BEYOND ITS VALIDITY DATE
- ANANT UTILISATION :
  - VERIFIER QUE LA REFERENCE DE L'OUTILLAGE CORRESPONDE A LA TACHE A REALISER
  - VERIFIER VISUELLEMENT L'ETAT GENERAL DE L'OUTILLAGE (USURES, FISSURES,
  - PIECES MANQUANTES, ...)
- PRENDRE CONNAISSANCE DU PROCESS D'UTILISATION DE L'OUTILLAGE (VOIR NOTA B)
  BEFORE USE :
  - MAKE SURE THE TOOL P/N AGREES WITH THE TASK TO BE DONE
  - DO A VISUAL INSPECTION OF THE TOOL GENERAL CONDITION (WEAR,
  - CRACKS, MISSING PARTS, ...)
  - READ THE USE PROCESS OF THE TOOL (REFER TO NOTE B)
- APRES UTILISATION, VERIFIER VISUELLEMENT L'ETAT DE L'OUTILLAGE :
- SI ENDOMMAGE : SIGNALER LES ANOMALIES
- SI CORRECT : STOCKER L'OUTILLAGE DANS UNE ZONE APPROPRIEE HORS RISQUES AFTER USE, DO A VISUAL INSPECTION OF THE TOOL CONDITION :
  - IF DAMAGED : REPORT THE ANOMALIES
  - IF CORRECT : STORE THE TOOL IN AN APPROPRIATE, SAFE AREA

INDICE **MODIFICATIONS** INDEX MODIFIE REP.001 Α MODIFIED IT.001 MODIFIE REP.001-002 + AJOUTE REP.006-007-008 MODIFIED IT.001-002 + ADDED IT.006-007-007 MODIFIE:  $F = 50 \times 1.33 ---> F = 50 \times 1.5 = 75 \text{ daN}$ С MODIFIED:  $F = 50 \times 1.33 - --> F = 50 \times 1.5 = 75 \text{ daN}$ MODIFIE REP.005-006-007 / VIS H M12-25 ET M10-18 --> M12-20 ET M10-16 D MODIFIED IT.005-006-007 / SCREW H M12-25 AND M10-18 --> M12-20 AND M10-16 MODIFIE REP.001-002-006 / AJOUTE REP.009-010 / AJOUTE PL03 Ε MODIFIE NOTAS MODIFIED IT.001-002-006 / ADDED IT.009-010 / ADDED PL03 *MODIFIED NOTE* **MODIFIE REP.006** MODIFIED IT.006 MISE A JOUR G AJOUTE NOTA "CONSIGNES GENERALES ET TRADUCTION EN ANGLAIS. ADDED NOTE "GENERAL REGULATIONS" AND TRANSLATION INTO ENGLISH. AJOUTE TABLEAU SUIVI PERIODIQUE. ADDED TABLE OF SCHEDULED FOLLOW-UP.

#### ALL DIMENSIONS ARE IN MILLIMETERS

MASSE DE L'OUTILLAGE: 2.25Kg

TOOL WEIGHT: 2.25Kg

### NOTA 1:

- MARQUAGE CARACTERES HAUTEUR = 6 mm PAR FRAPPE OU GRAVURE
- ZONE DE MARQUAGE DE LA REFERENCE OUTILLAGE.
- PESER L'OUTILLAGE POUR MARQUAGE DE LA CHARGE A VIDE. NOTE 1:
- ENGRAVING CHARACTERS HEIGHT = 6 mm BY PUNCHING OR ENGRAVING - MARKING AREA OF THE TOOL P/N
- WEIGH THE TOOL TO INDICATE THE ZERO LOAD

### NOTA 2:

- REP.007-008 : MONTES COLLES A LA LOCTITE FREIN FILET FORT 270

### <u>NOTE 2:</u>

- IT.007-008 : INSTALLED BONDED WITH HIGH THREAD LOCK LOCTITE 270

#### NOTA 3:

- IMMOBILISER REP.004-005 PAR REP.009

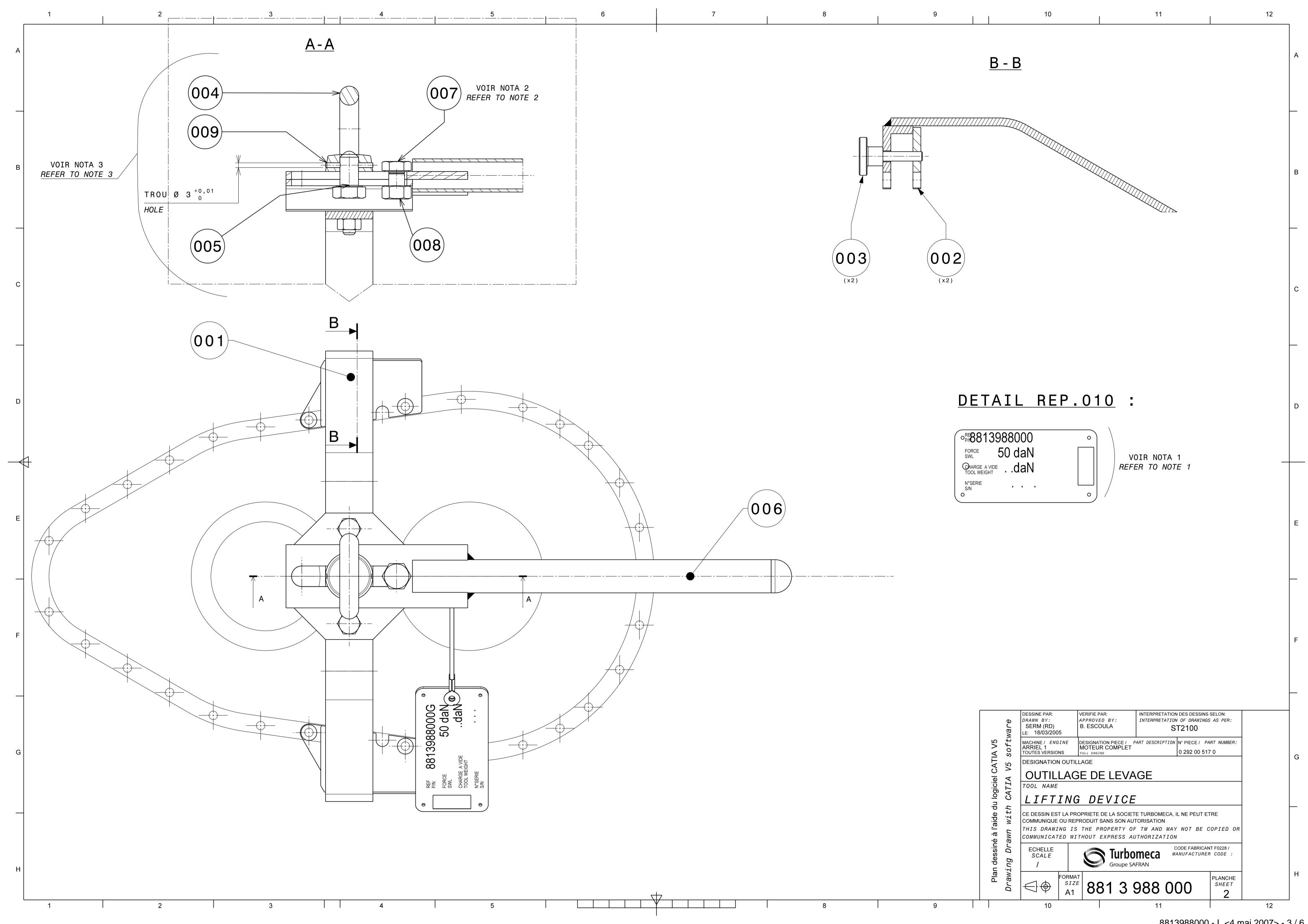
EN ASSURANT UN JEU (0.2) ENTRE REP.006 SUR REP.001

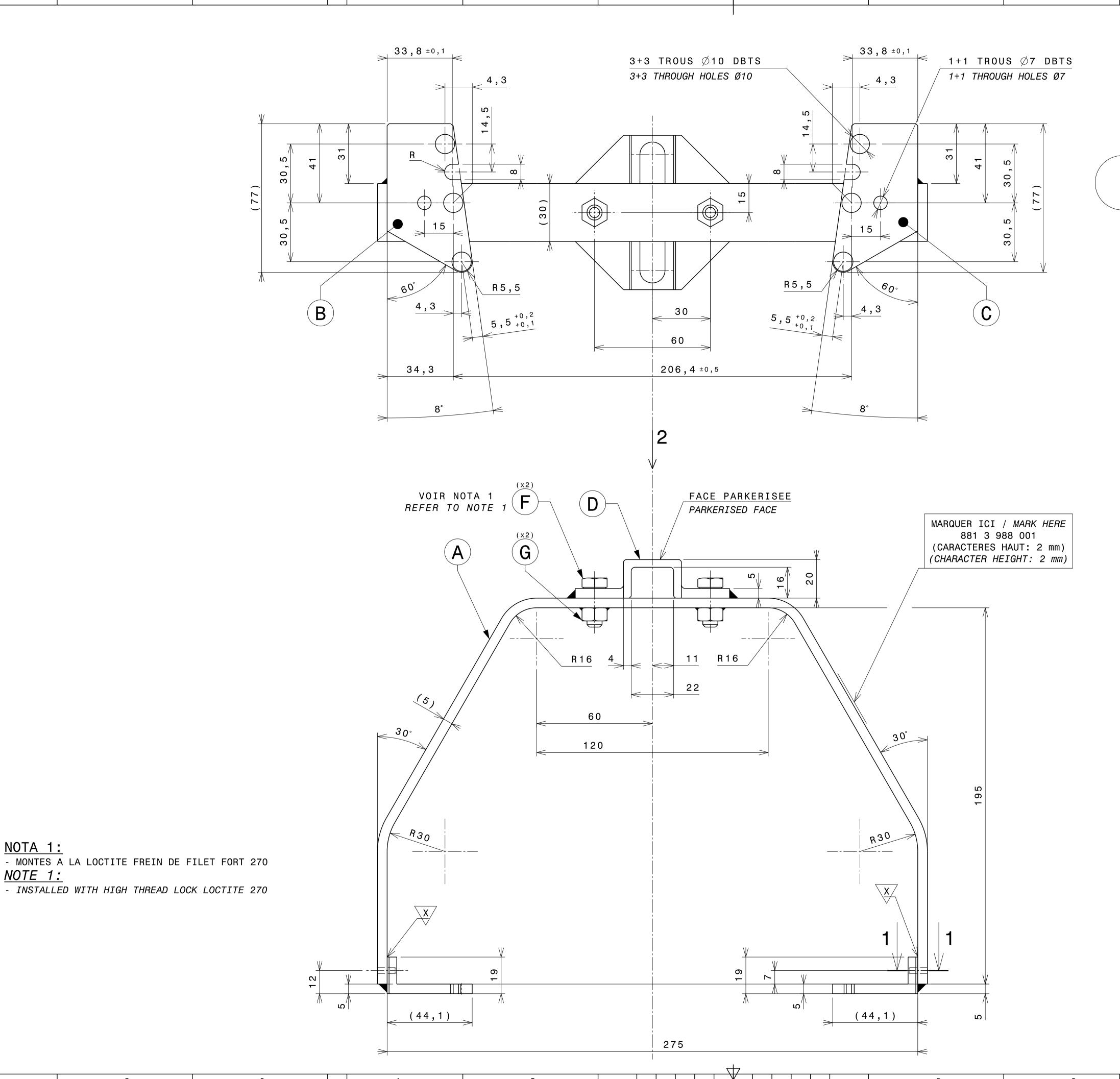
#### NOTE 3:

- IT.004 AND 005 LOCKED BY IT.009
BY MAKING A CLEARANCE (0.2) BETWEEN IT.006 ON IT.001

	CARACTERISTIQUE HARACTERISTICS W		
NOMINAL <i>NOMINAL</i>	TOLERANCE TOLERANCE	N° PLANCHE SHEET N°	LOCALISATION LOCATION
75 daN		1/5	E4
 1			

													_		
				•	•										-
			•										•		
	2	010	1		PLAQUETTE D'IDENTIFICATION  IDENTIFICATION PLATE					TM		881	1 5 09	9 842	
	<u> </u>	009	1			CYLINDRIQUE Ø3 LG.30 NLM 03320-03x			 )3x30	┧ᇀ					
				CYLIN	NDRIC/	AL PIN Ø	3 LG.	30							
		800	1	ECRO		10				STD					
	<u> </u>	007	1	VIS H		6				STD			<u>-</u>		1
				SCREV	V H M	10-16				•					
	5	006	1	BRAS						ENS. SOL				ETAIL	
		205		ARM	1400					WELDED ASS	SEMBLY	REFE	:R T0	<u>DETAIL</u>	4
		005	1	VIS H SCREV		0 12-20				STD			•		
	·	004	1			LEVAGE				NLM			07690	)-12	
	<u> </u>	003	2			M6-25	1110 111	12		NLM	NLM 06090-06x25		 )6x25	┤▁	
				SCREW	WITH	STRAIGHT-	LINE K	NURLS M6	6 - 25	•					F
	5	002	2	PLAQ!						25 CD	5 CD 4 R:900-10		0-105	50 MPa	
	3/4	001	1	ETRIE						ENS. SOL	JDE	VC	IR DE	ETAIL	1
				STIRF	RUP					WELDED ASS	SEMBLY	REFE	:R T0	DETAIL	
	PL SH	REP ITEM	QUANT	Di	ESIGN	ATION /	DESCR	IPTION		MATIE MATERI			serva Comme	ations ents	
			DESSINE			ERIFIE PAR:				N DES DESSINS			l loo	UMECQ	1
		ıre	DRAWN SERM	(RD)		<i>PPROVED BY</i> 3. ESCOULA	:	INTERPRET		v of drawings <b>T2100</b>	AS PER		)ATE:	03/05/07	
			LE: 18/							1			<u>1 Do</u>	UMECQ	
		Plan dessiné à l'aide du logiciel CATIA V5 awing Drawn with CATIA V5 software	ARRIEL	E/ ENGII . 1 VERSIONS	I.V	MOTEUR CO		ART DESCRI	PTION	N° PIECE / PA 0 292 00 517				27/02/07	4
		d L S		NATION (		ULL ENGINE				0 292 00 317				COULA	G
		CA V5					<b>_\</b> \	<b>О</b> Г				F		25/09/06 BIER	1
		giciel			<u>AG</u>	E DE L	EVA	GE				-		10/01/06	1
	,	gic 47.i	TOOL	NAME								<u> </u>		COULA	1
			LI	FTI	NG	DEV	ICE					-		18/03/05	1
		e dı th							1504	u NE DEUT ET				COULA	$\vdash$
		aide W <i>i</i> T								IL NE PEUT ET	KE		 DATE:	07/07/03	
		- <u>-</u>	THIS L									UCHET			
		ié à aW	СОММИІ	VICATE	D WITH	HOUT EXPR	ESS AU	THORIZA	TION	1			ATE:	24/04/97	
		ssiné à l <i>Drawn</i>	ECHE			T.	ırbor	noca		ODE FABRICAN			3 <u>fo</u>	UCHET	
,		des 1g	SCA 1	11		41117	II DUI oupe SAFI		Wi	ANOTACTONEN	OODL			21/10/88	4
NC		an Vir	'			GIC	upe sari	VIII						UCHET	┦н
		Plan de <i>Drawin</i> g		<u></u>	ORMAT SIZE	004	2	200	$\triangle$	$\cap \cap$	PLANCH SHEE	·- <b>—</b>	, ,	24/08/83	┤ ' '
		D		Ψ	A1	881	3	700	U	UU	1/5	<del>-</del>   -		18/03/80	1
												-  -	// VI L.	. 5, 55, 50	J





NOTA 1:

NOTE 1:

INDICE INDEX MODIFICATIONS SUPPRIME TROU Ø13 - MODIFIE LA FIXATION DELETED HOLE Ø13 - MODIFIED ATTACHMENT MODIFIE COTES: 145 --> 195, 27 --> 77, 265--> 275, 25 --> 30, 28.8 --> 33.8, 29.3 --> 34.3, 33.6 --> 38.6, 39.1 --> 44.1 MODIFIED DIMENSIONS: 145-->195, 27-->77, 265-->275, 25-->30, 28.8-->33.8, 29.3-->34.3, 33.6-->38.6, 39.1-->44.1 MODIFIE REP.A-B / SUPPRIME FER PLAT 36x5 ET PETIT FER U 30x15x4 AJOUTE REP.D-E-F-G / MODIFIE PROTECTION ET NOTAS MODIFIED IT.A-B / DELETED IRON FLAT 36x5 AND SMALL U IRON 30x15x4 ADDED IT.D-E-F-G / MODIFIED PROTECTION AND NOTE

12

## CE DETAIL COMPREND 2 PLANCHES THIS DETAIL INCLUDES 2 SHEETS

NOTA:

- SOUDURES CONTINUES ET SOIGNEES SAUF ARETES REPEREES X/

NOTE :

- CAREFULLY-MADE CONTINUOUS WELDING EXCEPT MARKED EDGES X/

PROTECTION: PEINTURE JAUNE LUMINEUX CODE 1330

SVT NORME NFX08-002 (EQUIVALENT RAL 1003) PROTECTION: BRIGHT YELLOW PAINT NFX 08-002 STANDARD COLOR CODE 1330 (RAL 1003 EQUIVALENT)

RAYONS NON COTES: R 2 (SUR REP.D) NON-DIMENSIONED RADII: R 2 (ON IT.D)

CHANFREINS NON COTES: 1 A 45° NON-DIMENSIONED CHAMFERS: 1 AT 45°

CASSER LES ARETES VIVES PAR CH. 0,2 A 45° BREAK THE SHARP EDGES BY CH. 0,2 AT 45°

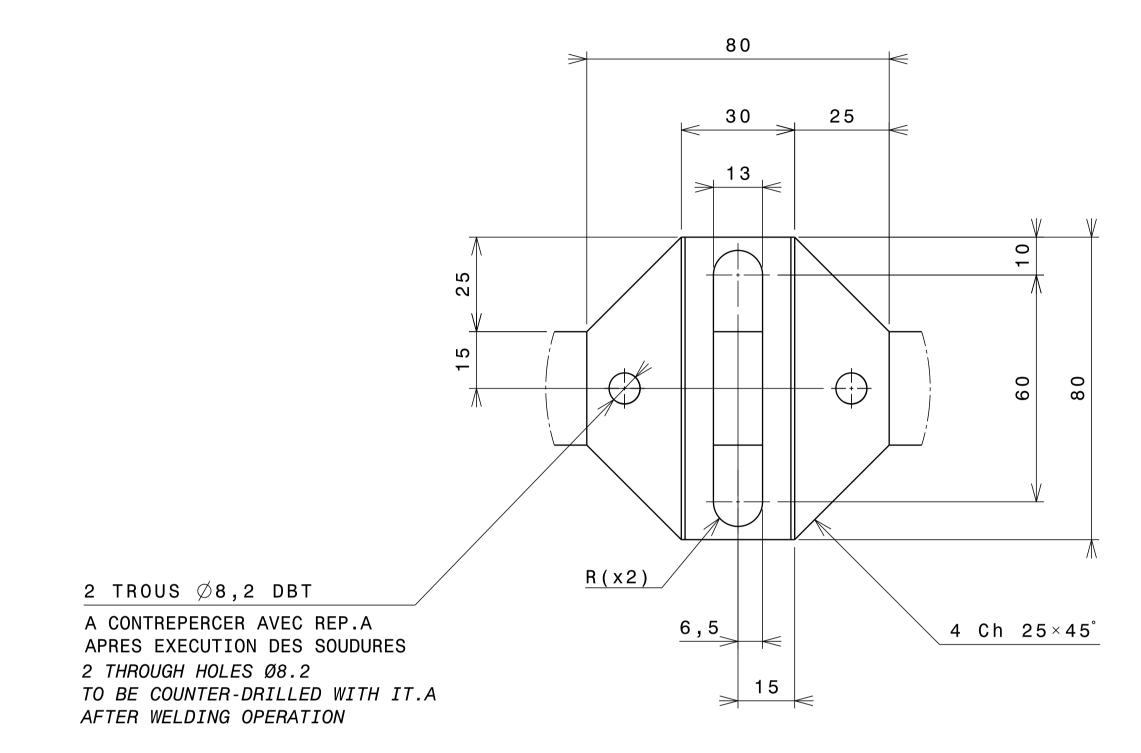
G	2	ECROU H M8 NUT H M8	STD	
F	2	VIS H M8-20 SREW H M8-20	STD	
Е	4	GOUPILLE CYLINDRIQUE Ø3 LG.10 CYLINDRICAL PIN Ø3 LG.10	NLM	03320-03x10
D	2	SUPPORT SUPPORT	XC 18	
С	1	PLAQUETTE DROITE RIGHT PLATE	XC 18	
В	1	PLAQUETTE GAUCHE LEFT PLATE	XC 18	
А	1	CADRE FRAME	FER PLAT IRON FLAT	30x5
REP ITEM	QUANT	DESIGNATION / DESCRIPTION	MATIERE/FOURNIS. MATERIAL/SUPPLIER	OBS./REF.

ETRIER	VOIR TABLEAU	USINAGE / MACHINING	ECHELLE SCALE	SERM
ETRIER	ENS. SOUDE		1/1	18/03/2005
STIRRUP	REFER TO TABLE	881 3 988 0	INDICE INDEX	
071717107	WELDED ASSEMBLY	00139000	E	

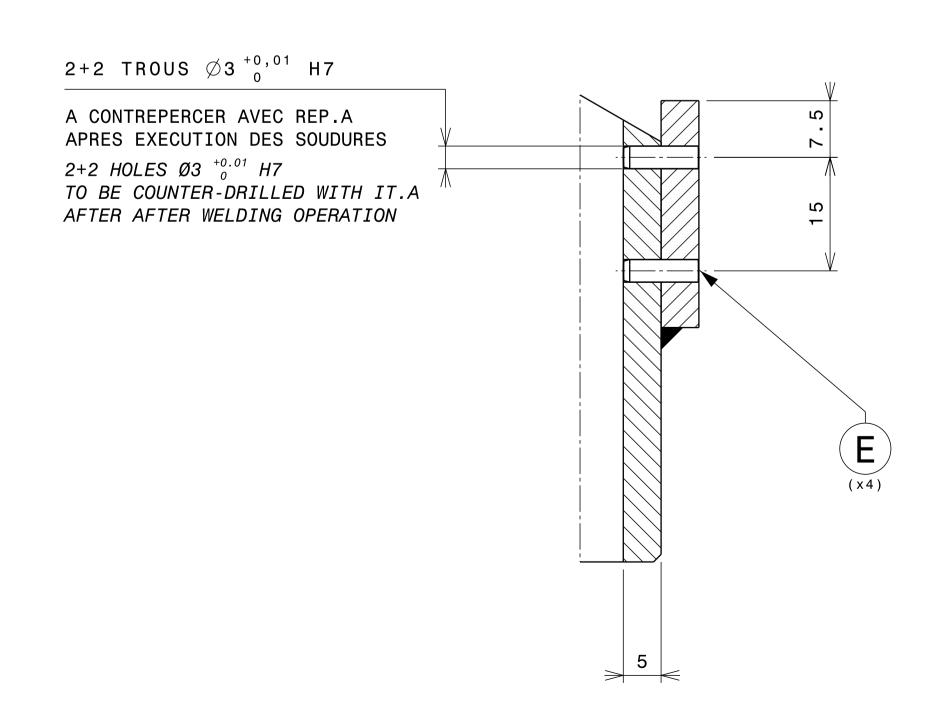
			_ <u>_</u>									
	ware	DESSINE PAR: DRAWN BY: SERM (RD) LE: 18/03/2005	VERIFIE PAR:  APPROVED BY:  B. ESCOULA	INTERPRETATION INTERPRETATION S7								
A V5	softwar	MACHINE / ENGINE ARRIEL 1 TOUTES VERSIONS	DESIGNATION PIECE / FOUND FOR THE PROPERTY FULL ENGINE		n° piece / PA 0 292 00 517							
ATI	V5 :	DESIGNATION OUT	ILLAGE	-								
e C		OUTILLAG	GE DE LEVA	(GE								
ogici	ATI	ATI	ATI	ATI	CATIA	TOOL NAME		_				
ol ub		LIFTIN	<u>G DEVICE</u>									
Plan dessiné à l'aide du logiciel CATIA V5	ing Drawn with	COMMUNIQUE OU RE THIS DRAWING I	ROPRIETE DE LA SOCIET EPRODUIT SANS SON AU S THE PROPERTY OF ITHOUT EXPRESS AU	TORISATION TORISATION TORISATION								
n dessin		ECHELLE SCALE /	Turbo Groupe SA	meca MA	ODE FABRICAN NUFACTURER							
Pla	Drawing	FORM S I Z	<sup>ZE</sup> 221 3 (	988 00	00	PLANCHE SHEET						
		10		11			12					

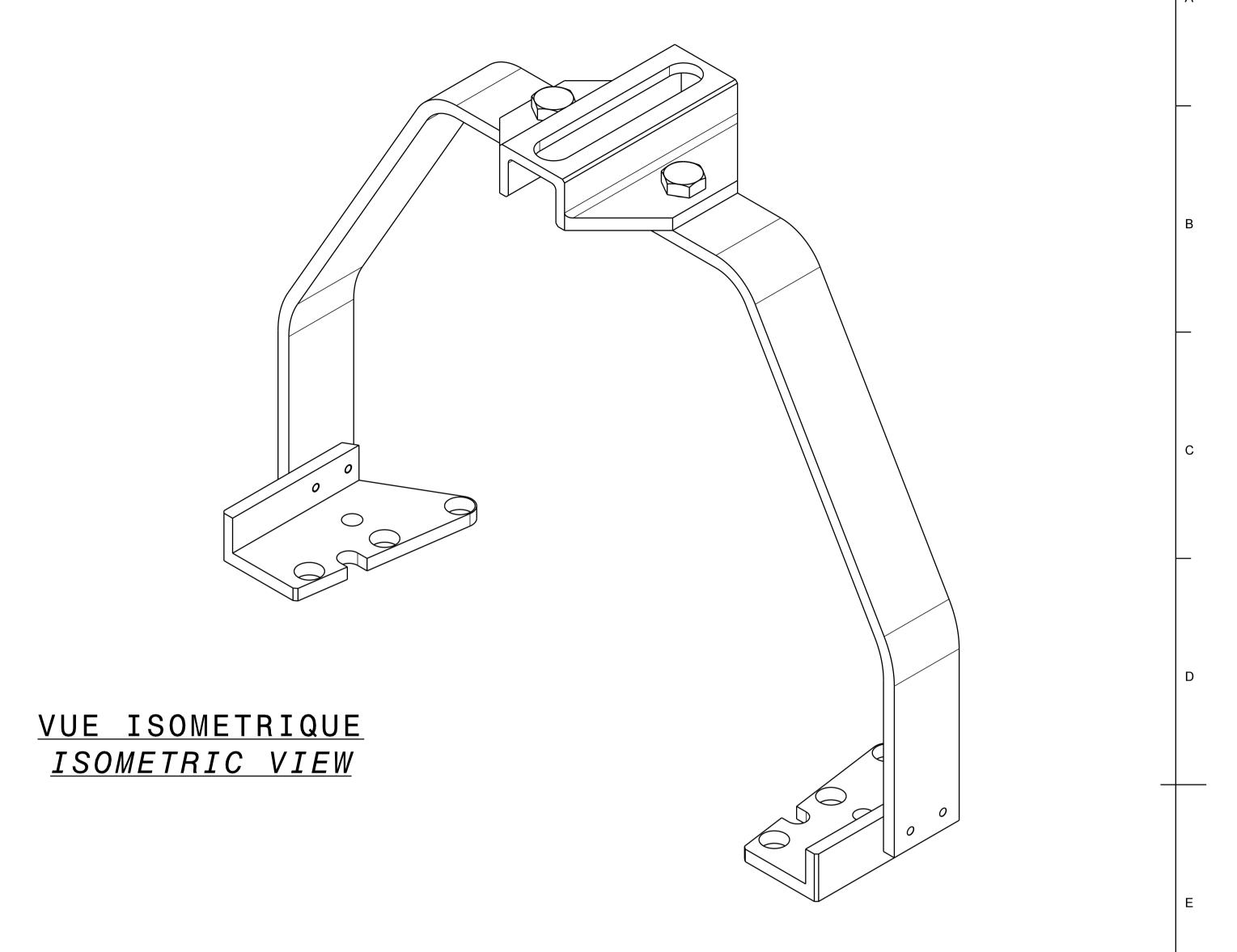
# VUE PARTIELLE SUIVANT 2 PARTIAL VIEW AS PER 2

DETAIL REP.D DETAIL IT.D



1 - 1 ECHELLE : 2:1 SCALE : 2:1





# CE DETAIL COMPREND 2 PLANCHES THIS DETAIL INCLUDES 2 SHEETS

	ETRIER		VOIR TABLE	AU USINA	AGE / MACHINING . / 3.2 /	ECHELLE SCALE	SERM
			ENS. SOUDE				18/03/2005
	ς.	TIRRUP	REFER TO TA	BLE 00	881 3 988 001		INDICE INDEX
	<u> </u>	1 1 111101	WELDED ASSEM	BLY	1 3 900 0	UI	H
	ware	DESSINE PAR:  DRAWN BY:  SERM (RD)  LE: 18/03/2005	VERIFIE PAR: APPROVED BY: B. ESCOULA	INTERPRETATION	DES DESSINS SELON OF DRAWINGS AS F		
	AV5 softwar	MACHINE / ENGINE ARRIEL 1 TOUTES VERSIONS	DESIGNATION PIECE / F MOTEUR COMPLET FULL ENGINE		N° PIECE / PART NU 0 292 00 517 0	IMBER:	
	el CATI A V5	DESIGNATION OUTIL OUTILLAG	IAGE SE DE LEVA	GE			
	u logiciel CATIA	LIFTING	DEVICE	,			
	l'aide du n with	CE DESSIN EST LA PRO COMMUNIQUE OU REP THIS DRAWING IS	RODUIT SANS SON AU	FORISATION		ED OR	
	siné à l <i>Drawn</i>	COMMUNICATED WI					
	Ś	ECHELLE SCALE /	Turbo Groupe SA	meca MA	ODE FABRICANT F022 ANUFACTURER COD		
	Plan de <i>Drawing</i>	FORMAT SIZE A1	l .	988 00	$\bigcap \bigcap$	NCHE EET 4	
		10	·	11			12

